

MODEL RESULTS SUMMARY: The injected waste plume extends 8,050 feet up-gradient, 7,550 feet down-gradient, 7,600 feet to the northeast and 6,900 feet to the southwest from the WDW-397 injection well at the end of operation (12/31/2020). The end-of-operations waste plume is oval in shape and has a width of 15,600 feet on the long axis and 14,500 feet on the short axis. After shifting the 10,000-year waste plume down dip by 12,000 feet to account for groundwater flow in the Frio A/B Sand, the injected waste plume extends 26,200 feet up-gradient and 19,300 feet down-gradient from the WDW-397 injection well and is approximately 16,500 feet wide at its widest point after 10,000 years.

LEGEND

- Location
 - ⊗ Location Abandoned
 - ⊙ Rig Up
 - ⊖ Drilling
 - ⊘ Dry & Abandoned
 - Oil Well
 - Oil Well Abandoned
 - ⊗ Gas Well
 - ⊗ Gas Well Abandoned
 - ⊗ Well Abandoned-Show of Oil & Gas
 - ⊗ Well Abandoned-Show of Oil
 - ⊗ Well Abandoned in Salt
 - ⊗ Well Abandoned in Cap Rock
 - ⊗ Core Test Well
 - ⊗ Wet Gas Or Condensate Well
 - ⊗ Wet Gas or Condensate Well Abnd
 - ⊗ Producing Oil & Gas
 - ⊗ Injection Well
- Grant Or Section Line
 - County Line
 - State Line
 - Line Visible On Aerial Photo
- Agrifos Fertilizer and Gyp-Stack Locations
- 4650 Post Numbers
 - F/O Horizon Faulted Out

Base Map - Structure Map on Top of Frio E&F Sand
Modeled Waste Plume Density = 64.18 lb/ft³
Injection Interval Formation Fluid Background Flow Velocity = 1.2 ft/yr

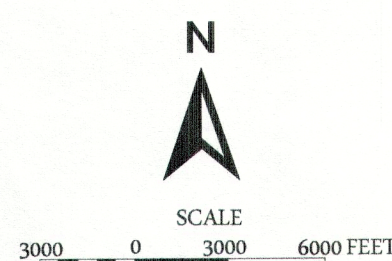


PLATE 7-24

TERRA
DYNAMICS INC

**MAXIMUM EXTENT OF MODELED
PLUME AT END OF OPERATIONS
AND 10,000 YEARS (ExMob AB HiDens)
(Frio A/B Sand High Density Lateral Migration Model)**

PREPARED FOR
**EXXON MOBIL CORPORATION
PASADENA, TEXAS**

DRAWN BY: tdm	SCALE: As Indicated	DATE: Revised: 03-07-2011
DESIGNED BY: SAME		JOB NO.: 11-101
CHECKED BY: T. Moody		